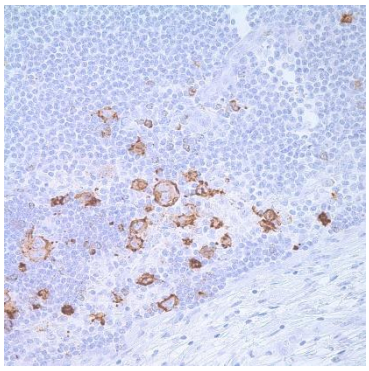
CD 15
clone MMA

Instructions for Use

Specification:
CD15 recognizes a human myelomonocytic antigen. The structure recognized by CD15 antibodies is lacto-N-fucopentose III. The CD15 antigen is present on greater than 95% of mature peripheral blood eosinophils and neutrophils and is present at low density on circulating monocytes. In lymphoid tissue, CD15 reacts with Reed-Sternberg cells of Hodgkin`s disease and with granulocytes. However, CD15 reacts with few tissue macrophages and does not react with dendritic cells.

Availability:

Catalog No.	Contents	Volume
ILM31711-C01	CD 15	0,1 ml concentrate
ILM31711-C05	CD 15	0,5 ml concentrate
ILM31711-C1	CD 15	1,0 ml concentrate



Intended use: For Research Use Only

Reactivity: Human

Clone: MMA

Species of origin: Mouse

Isotype: IgM, $_{\kappa}$

Control Tissue: Hodgkin's Disease

Staining: Cell surface and granular paranuclear

Immunogen: U-937 histiocytic cell line

Presentation: Bioreactor Concentrate with 0.05% Azide.

Application and suggested dilutions:
Pretreatment: Heat induced epitope retrieval in 10 mM citrate buffer, pH6.0, or in 50 mM Tris buffer pH9.5, for 20 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue sections.

- Immunohistochemical staining of formalin-fixed, paraffin embedded tissue section (dilution up to 1:200-1:400)

The optimal dilution for a specific application should be determined by the investigator.

Note: Dilution of the antibody in 10% normal goat serum followed by a goat anti-mouse secondary antibody-based detection is recommended.

Storage & Stability: Store at 2-8 °C. Do not use after expiration date printed on the vial.

References:

1) Hanjan SN, et al, Clin Immunol Immunopathol. 1982; 23:172-188.
2) Hsu SM, Jaffe ES, Amer J Clin Path. 1984; 82:29.
3) Pinkus GS, et al, Am J Pathol. 1985; 119:244.